

## Water & Sewer Emergency Repairs and Capital Improvement Projects Summary Sept. 12, 2016

### EMERGENCY REPAIRS

The Water & Sewer Department has spent approximately **\$6.75 million dollars** on *emergency* repairs to the water and sewer distribution system combined over the last three years. In FY16 alone (July 2015 through June 2016), the Department conducted \$2.67 million dollars in repairs at an average cost of \$12k-\$13k per incident.

Emergency Repairs 2014-2016

Year	Water	Sewer	Annual Total
2016	\$1,359,958.20	\$1,305,063.34	\$2,665,021.54
2015	\$886,395.00	\$876,376.60	\$1,762,771.60
2014	\$1,565,342.71	\$758,002.00	\$2,323,344.71
<b>3-Year Total</b>	<b>\$3,811,695.91</b>	<b>\$2,939,441.94</b>	<b>\$6,751,137.85</b>

### CAPITAL IMPROVEMENTS

Over the past six years the Department completed approximately **\$45 million dollars** in Capital Improvement Projects ranging from rehabilitation to complete replacement of distribution and collection mains.

Major capital projects during this period have included but are not limited to:

- East Broadway
- Beacon Street
- Webster Avenue
- Somerville Avenue
- Middlesex Avenue

Currently, there are two major capital projects underway:

- Cedar Street from Highland Avenue to Elm Street (currently under construction).
  - Project will address legacy flooding issues that occur at the intersection of Cedar Street and Hall Street.
- Nunziato Field stormwater storage project (currently in design).
  - Project will improve capacity in our collection by providing stormwater storage under Nunziato Field.
  - Current plans include construction of a 1.5-million-gallon storage system.

The Water and Sewer Department maintains a 15-year Capital Improvement Plan (CIP) for water infrastructure improvements and is currently developing a comprehensive sewer CIP. Current plans call for approximately \$36 million dollars for water infrastructure improvement projects and approximately \$65 million dollars for sewer infrastructure improvement projects over the plan period. The CIP's aim is to address the most critical and vulnerable system components that must be addressed.